* NOTICES *

**JPO and NCIPI are not responsible for any
damages caused by the use of this translation.**

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1] It is a configuration block Fig. explaining the gestalt of 1 operation of this invention.
[Drawing 2] It is a distribution image for the general video display terminals which show an operation of the portrait rights protection section.
[Description of Notations]
10 Building Image Information Distribution Section
20 Portrait Rights Protection Section
30 Right Check Section of Facility Management

[Translation done.]

DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to the amelioration in the case of distributing the image information from the surveillance camera installed in a dining-room, a parking lot, a porch, etc. for the employee of not only the disaster prevention management center of a building but a building, or customers.
[0002]
[Description of the Prior Art] Conventionally, in the disaster prevention management center of a building, a surveillance camera is installed in the main parts of buildings, such as a dining-room, a parking lot, and a porch, and generating monitors, such as a trespasser's monitor, and a fire, destruction, are performed. On the other hand, when there was business which is not known if, as for the employee of a building, a dining-room is crowded and condition does not go to a dining-room, for example, goes for lunch break time amount to a post office or a bank, the technical problem that it was good to manage a meal and business in what kind of sequence, or it could not make a plan in advance occurred. Moreover, when a buyer and a customer representative made arrangements with a customer in the building of their company, the technical problem referred to as not knowing when a customer arrives without communication by a customer's extension telephone or the advance communication from a cellular phone occurred. Here, works, an office building, a public facility, etc. are included in a building.

[0003] Then, if the image surveillance intelligence the object for crime prevention and for disaster prevention is distributed to the employee of a building, a buyer, and a customer representative, convenience will increase for the user of a building. For example, a dining-room is crowded and the employee of a building can determine the sequence of a meal and business according to condition. Moreover, since a buyer and a customer representative can recognize that the customer arrived at the bumping post and entrance of a building of his company by image surveillance intelligence, a buyer and a customer representative can concentrate on work of time amount until a customer arrives others, and if a customer arrives, they can respond promptly.
[0004]
[Problem(s) to be Solved by the Invention] However, in having distributed the image surveillance intelligence the object for crime prevention, and for disaster prevention to the employee the inside of a building, or near the building, the buyer, and the customer representative as it was, there are portrait rights and a problem on privacy protection. For example, it is good to recognize that the customer to whom an upper officer should be equivalent arrived at the parking lot only at a corresponding upper officer, and had better not be known by other employees or other companies.
[0005] This invention solves the technical problem mentioned above, and in case the image surveillance intelligence the object for crime prevention and for disaster prevention is distributed to the employee of a building, a buyer, and a customer representative, it aims at offering the image monitoring system which can collateralize portrait rights and privacy protection.

[0006]
[Means for Solving the Problem] The image monitoring system of this invention which solves the above-mentioned technical problem The building image information distribution section 10 which distributes the image information the inside of a building, or near the building to the video display terminal installed the inside of a building, or near the building, When it checks that the portrait rights protection section 20 which carries out concealment processing of the field which starts portrait rights or privacy among said image information, and those who are viewing and listening to a video display terminal have just authority It is characterized by providing the right check section 30 of facility management which distributes the image information for which said concealment processing is not made to this video display terminal.

[0007] Thus, in the constituted equipment, the building image information distribution section 10 distributes the image information the inside of a building, or near the building to the video display terminal installed the inside of a building, or near the building. The portrait rights protection section 20 is carrying out concealment processing of the field which starts portrait rights or privacy among image information, and it performs a photographed person's portrait rights or privacy protection while peaceful ****** of [the inside of a building or near the building] is carried out, even if it distributes image information to many and unspecified viewers the inside of a building, or near the building. When it checks that those who are viewing and listening to a video display terminal have just authority, the right check section 30 of facility management is distributing the image information for which concealment processing is not made to this video display terminal, and distributes natural image information to those who have just authority.

[0008] Preferably, if it is the configuration according to claim 2 whose image information the inside of a building or near the building is at least one place of a dining-room, a parking lot, a porch, and an entrance like, the image information on the location usually needed for those who are the inside of a building or near the building will be acquired. Moreover, like, if concealment processing is the configuration which is the processing which smears away to Isshiki those according to claim 3 who are contained in image information, it is a configuration with easy portrait rights and privacy protection, and can be carried out to real time. Only a face part is good and the whole portrait which contains a dress again is sufficient as the field of those who smear away.

[0009] Moreover, the image information which the general-purpose building image information distribution section needs is acquired, without building the exclusive image monitoring system for disaster prevention management or crime prevention management, if it is the configuration according to claim 4 whose just authority is the disaster prevention management or crime prevention management the inside of a building, or near the building like. Moreover, like, if just authority is the configuration which gives the image information on a visitor schedule location near the visitor predetermined time to the video display terminal installed in its post according to claim 5 which has carried out visitor reservation beforehand, it can prevent that the condition that neither portrait rights nor privacy protection is made continues without any restriction.

[0010]
[Embodiment of the Invention] Hereafter, the gestalt of operation of this invention is explained using a drawing. Drawing 1 is a configuration block Fig. explaining the gestalt of 1 operation of this invention. In drawing, the surveillance camera is installed in dining-room 1a the inside of a building, or near the building, parking lot 1b, and a porch and entrance 1c, and is photoing image information on real time. The site of a building is included near the building. The building image information distribution section 10 distributes the image information on dining-room 1a photoed with the surveillance camera, parking lot 1b, and a porch and entrance 1c for [of the image information user 4] video display terminals as image information 3for dining-room users a, image information 3for parking lot users b, and a porch and image information 3for entrance users c. Moreover, the building image information distribution section 10 distributes image information 3for dining-room users a, image information 3for parking lot users b, and image information 3a porch and c for entrance users as image information in the condition that a photograph was taken with the surveillance camera, also for [of a disaster prevention center and the

facility management person 2] video display terminals.

[0011] Although the portrait rights protection section 20 carries out concealment processing, distributes the field which starts portrait rights or privacy among image information for [of the image information user 4] video display terminals, and smears away a person's face and the part of a dress to Isshiki, for example, can recognize that an appearance is a man, specification of a concrete person can be made not to do it. The concrete configuration of the image processing of the portrait rights protection section 20 diverts to some other purpose and uses the technique currently indicated by JP,9-275523,A and JP,9-297836,A.

[0012] The right check section 30 of facility management distributes the image information for which concealment processing is not made to a video display terminal, when it checks that the image information user 4 who is viewing and listening to a video display terminal has just authority. The check of just authority may attest a person's identity by the pattern of a fingerprint, a voiceprint, or the iris, when the password defined beforehand may be used and authority is given for every person. Moreover, prior registration of a visitor schedule gives just authority only near the ETA of a visitor schedule location, and if out of other locations or the ETA is the configuration which is not given, it can secure security.

[0013] Thus, actuation of the constituted equipment is explained below. Drawing 2 is a distribution image for the general video display terminals which show an operation of the portrait rights protection section, and the present image by which drawing 2 (A) was photoed with the background image, and drawing 2 (B) was photoed with the surveillance camera, and drawing 2 (C) show the distribution image which performed portrait rights protection. Here, the dining-room is illustrated as a background image. In a dining-room, a dining-room facility of inlet-port door 5a, waiting people area 5b, 5in dining-room c, 5d of sample article display shelves etc., etc. serves as a background image. When it comes to the time of a meal, user 5e which lines up to waiting people area 5b projects, but since it has projected in the mode which a user can identify in the current image photoed with the surveillance camera, it is the mode which a disaster prevention center and the facility management person 2 can also use. the portrait rights protection section 20 -- the difference of a background image and a current image -- 5f of fields is smeared away in the same color, and they are distributed for [of the image information user 4] video display terminals. As an image to a dining-room user, if the number of a queue can be grasped, it will be because it is thought that it is enough.

[0014] difference -- the car and body which move to 5f of fields besides a user are also contained, and such a mobile is also smeared away. The lateral migration of migration is a main thing and migration of the depth direction is recognized as change of the magnitude in the screen of a photographic subject. difference -- the image field of extent which deserves protection as portrait rights is required for 5f of fields, and it is made not to recognize it as migration in extent with which the leaf of a tree shook by the wind Moreover, passing speed is also made into the object of portrait rights protection of what is extent which a pedestrian moves, and the car which runs away is made into the outside for protection. In the case of a three dimensional image, the person in the location which extracted only the depth information on the car which has stopped at a porch and entrance 1c, and was left distantly [c / a porch and / entrance 1] is good to remove from the object of portrait rights protection.

[0015] Next, the case where it distributes for [of the image information user 4 who is planning the visitor] video display terminals is explained. Although a visitor is distributed as the porch and image information 3for entrance users c photoed with the surveillance camera installed in a porch and entrance 1c, I want the image information which can judge who it awaited and reached a porch and entrance 1c as a man. Then, it makes it recognize by the password or prior visitor reservation to have just authority to the right check section 30 of facility management. Then, the image information in the condition that a photograph was taken with the surveillance camera which does not go via the portrait rights protection section 20 is distributed for the video display terminals to which await from the building image information distribution section 10, and people are viewing and listening. By this, it awaits, people view and listen to image information, and it can check whether the customer has reached a porch and entrance 1c. Preferably, the number-plate information on the car which has stopped at a parking lot, or a porch

and entrance 1c may be distributed.

[0016] in addition, the above-mentioned example -- setting -- as an operation of the portrait rights protection section -- the difference of a background image and a current image -- that by which this invention is limited to this although the case where a field was smeared away in the same color was shown -- it is not -- a person -- a standard image template -- giving a definition -- this standard image template -- difference -- it applies about the person of a field and, in the case of the animal of a dog or a cat, is good also as a configuration which offers image information as it is. moreover, the difference of a background image and a current image -- when a field becomes large among a screen, it is good to consider as the mosaic pattern of extent that it does not infringe on portrait rights.

[0017]

[Effect of the Invention] While peaceful ****** of [the inside of a building or near the building] is carried out even if it distributes image information to many and unspecified viewers the inside of a building, or near the building since the portrait rights protection section considered as the configuration which carries out concealment processing of the field which starts portrait rights or privacy among image information according to this invention as explained above, a photographed person's portrait rights or privacy protection can be performed. Convenience when the viewer is acting as waiting people is raised distributing natural image information to those who have just authority, and protecting a photographed person's privacy, since it considered as the configuration which distributes the image information for which concealment processing is not made to this video display terminal when it checked that those to whom the right check section of facility management is viewing and listening to a video display terminal have just authority.
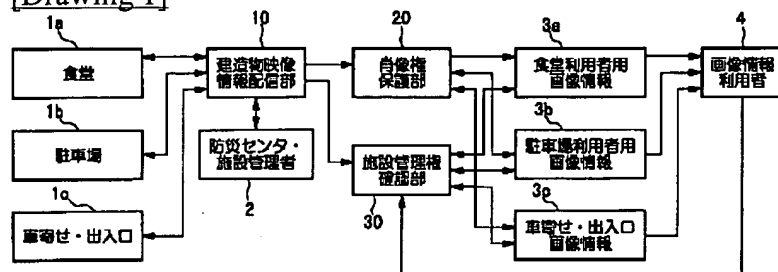
[Translation done.]

* NOTICES *

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

DRAWINGS

[Drawing 1]

[Drawing 2]